

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
27 January 2005 (27.01.2005)

PCT

(10) International Publication Number
WO 2005/007304 A1

(51) International Patent Classification⁷: **B05D 7/04**,
G03G 7/00, C09D 171/02

(21) International Application Number:
PCT/IL2003/000588

(22) International Filing Date: 16 July 2003 (16.07.2003)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant (*for all designated States except US*):
**HEWLETT-PACKARD DEVELOPMENT COM-
PANY, L.P.** [US/US]; 20555 S.H. 249, HOUSTON, TX
77070 (US).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **ALMOG, Yaacov**
[IL/IL]; 16 DAFNA STREET, 74064 NES ZIONA (IL).
BRANDRISS, Sergio [IL/IL]; 11 YAVETZ STREET,
76252 REHOVOT (IL). **LEVI, Amnon** [IL/IL]; 9 BAA-
LEY MELACHA STREET, 70700 GEDERA (IL).

(74) Agents: **FENSTER, Paul et al.**; FENSTER & COM-
PANY, INTELLECTUAL PROPERTY 2002 LTD., P. O.
BOX 10256, 49002 PETACH TIKVA (IL).

(81) Designated States (*national*): AE, AG, AI, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GH, GI,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,
SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— *of inventorship (Rule 4.17(iv)) for US only*

Published:

— *with international search report*

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: SUBSTRATE COATING WITH IMPROVED TONER-ADHESION PROPERTIES

(57) Abstract: A method of producing a sheet of coated substrate, comprising:providing a substrate;providing a solution or disper-
sion of a first material that adheres to the substrate mixed with an amine terminated material;coating the provided substrate with the
solution; anddrying the substrate coated with the solution to form a solid coating thereon.

WO 2005/007304 A1